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PATENT  
Docket No. 415852000100  
Client Ref. VS:C:FP10412

**CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"**

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Assistant Commissioner for Patents, Washington, D.C. 20231, on July 30, 1999.

*Denise Lade*  
Denise Lade

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of:

Jeffrey John GORMAN

Serial No.: 09/202,035

International Filing Date: June 4, 1997

For: VIRAL PEPTIDES WITH  
STRUCTURAL HOMOLOGY TO  
PROTEIN G OF RESPIRATORY  
SYNCYTIAL VIRUS

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.97, applicant submits for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☒ Within three months of the application filing date or before receipt of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before a final Office Action or Notice of Allowance.
  - ☐ A fee is required. A check in the amount of \* is enclosed.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly, no fee is believed to be due.
- ☐ After receipt of a final Office Action or Notice of Allowance, but before payment of the issue fee. Accordingly, a Petition requesting consideration of the Information Disclosure Statement, an authorization to charge our deposit account, and a Certification under 37 C.F.R. § 1.97(e) are provided herein.

Applicant would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

This Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing

415852000100. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: July 30, 1999

Respectfully submitted,

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Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number 415852000100	Application Number 09/202,035
	Applicant Jeffrey John GORMAN	
	Int'l Filing Date June 4, 1997	Group Art Unit Not Yet Assigned

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

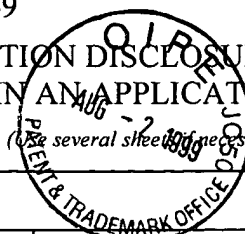
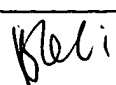


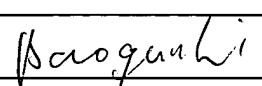
Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
Doc	1.	02/29/96	WO 96/06112	WIPO	—	—	
↓	2.	05/17/96	WO 96/14409	WIPO	—	—	X

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

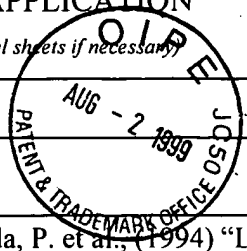
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Doc	3.	Åkerlind-Stopner, B. et al., (October 1990) "A subgroup-specific antigenic site in the G protein of respiratory syncytial virus forms a disulfide-bonded loop" <i>Journal of Virology</i> 64(10):5143-5148.
	4.	Alansari, H. et al., (1993) "Nucleotide sequence analysis of the ovine respiratory syncytial virus G glycoprotein gene" <i>Virology</i> 196:873-877.
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	6.	Cane, P.A. et al., (1991) "Identification of variable domains of the attachment (G) protein of subgroup A respiratory syncytial viruses" <i>Journal of General Virology</i> 72:2091-2096.
	7.	Cane, P.A. et al., (1995) "Molecular epidemiology of human respiratory syncytial virus" <i>Seminars in Virology</i> 6:371-378.
	8.	Chorev, M. and Goodman, M., (1993) "A dozen years of retro-inverso peptidomimetics" <i>Acc. Chem. Res.</i> 26(5):266-273.
	9.	Collins, P.L., "Chapter 4: The molecular biology of human respiratory syncytial virus (RSV) of the genus <i>Pneumovirus</i> " in <i>Paramyxoviruses</i> , Kingsbury, D.W. (ed) New York: Plenum Press; pp. 103-162 (1991).
	10.	Doreleijers, J.F. et al., (1996) "Solution structure of the immunodominant region of protein G of bovine respiratory syncytial virus" <i>Biochemistry</i> 35(47):14684-14688.
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EXAMINER: <i>Deogun h</i>	DATE CONSIDERED: <i>06/08/01</i>
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Form PTO-1449		Docket Number 415852000100	Application Number 09/202,035	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (See several sheets of necessary) 		Applicant Jeffrey John GORMAN		
		Int'l Filing Date June 4, 1997	Group Art Unit Not Yet Assigned	
OTHER DOCUMENTS (including author, title, Date, Pertinent Pages, Etc.)				
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  	12.	Gallop, M.A. et al., (April 29, 1994) "Applications of combinatorial technologies to drug discovery. 1. Background and peptide combinatorial libraries" <i>J. Med. Chem.</i> 37(9):1233-1251 (1994).		
	13.	Garcia, O. et al., (September 1994) "Evolutionary pattern of human respiratory syncytial virus (Subgroup A): Cocirculation lineages and correlation of genetic and antigenic changes in the G glycoprotein" <i>Journal of Virology</i> 68(9):5448-5459.		
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	19.	Heilman, C.A. (1990) "Respiratory syncytial and parainfluenza viruses" <i>Journal of Infectious Diseases</i> 161:402-406.		
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	21.	Hogan, Jr. (April 1997) "Combinatorial chemistry in drug discovery" <i>Nature Biotechnology</i> 15:328-330.		
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	26.	Lambert, D.M. et al., (1983) "Respiratory syncytial virus glycoproteins" <i>Virology</i> 130:204-214.		
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	28.	Langedijk, J.P.M. et al. (1996) "Proposed three-dimensional model for the attachment protein G of respiratory syncytial virus," <i>J. Gen. Virol.</i> 77:1249-1257.	
	29.	Lerch, R.A. et al. (November 1990) "Nucleotide sequence analysis and expression from recombinant vectors demonstrate that the attachment protein G of bovine respiratory syncytial virus is distinct from that of human respiratory syncytial virus" <i>Journal of Virology</i> 64(11):5559-5569.	
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	34.	Morrison T. et al., "Chapter 13: Structure, function, and intracellular processing of the glycoproteins of <i>Paramyxoviridae</i> " in <i>The Paramyxoviruses</i> , Kingsbury, D.W. (ed.), New York: Plenum Press, pp. 347-382 (1991).	
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	38.	Olson, G.L. et al., (15 October 1993) "Concepts and progress in the development of peptide Mimetics," <i>J. Med. Chem.</i> 36(21):3039-3049.	
	39.	Roepstorff, P. et al. (1984) "Proposal for a common nomenclature for sequence ions in mass spectra of peptides" <i>Biomedical Mass Spectrometry</i> 11(11):601.	
	40.	Rouse, J.C. et al., (1995) "A comparison of the peptide fragmentation obtained from a reflector matrix-assisted laser desorption-ionization time-of-flight and a tandem four sector mass spectrometer" <i>Journal of American Society for Mass Spectrometry</i> 6:822-835.	
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DATE CONSIDERED: August 1, 1997			
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	48.	Trudel, M. et al., (1991) "Protection of BALB/c mice from respiratory syncytial virus infection by immunization with a synthetic peptide derived from the G glycoprotein" <i>Virology</i> 185:749-757.
	49.	Walsh, E.E. et al., (1984) "Purification and characterization of GP90, one of the envelope glycoproteins of respiratory syncytial virus" <i>Journal of General Virology</i> 65:761-767.
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Bergman L

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